

INTERNATIONAL SEARCH REPORT

International application No.
PCT/FI 2003/000754

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A44B 19/32, A44B 19/26, A44B 19/34

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A44B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5008986 A (J.-L. LAUDET ET AL), 23 April 1991 (23.04.1991), column 1, line 64 - column 2, line 23; column 2, line 47 - line 64 --	1-7
A	US 5628094 A (H. MIZUNO), 13 May 1997 (13.05.1997), column 2, line 45 - line 53; column 4, line 39 - line 49, abstract --	5-6
A	EP 1057423 A1 (YKK CORPORATION), 6 December 2000 (06.12.2000), figures 1-4, abstract --	1-7

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search
20 January 2004

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28-01-2004

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1175842 A2 (YKK CORPORATION), 30 January 2002 (30.01.2002), column 4, line 37 - line 53, abstract --	1-7
A	EP 1201144 A2 (YKK CORPORATION), 2 May 2002 (02.05.2002), figures 1-16, abstract --	1-7
A	US 5444898 A (J. NORVELL), 29 August 1995 (29.08.1995), column 2, line 3 - line 40, figures 1-3,6 --- -----	1-4,7

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Information on patent family members

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International application No.

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